

Solutions we have: green shipping corridor development

C40 Cities

12 March 2026

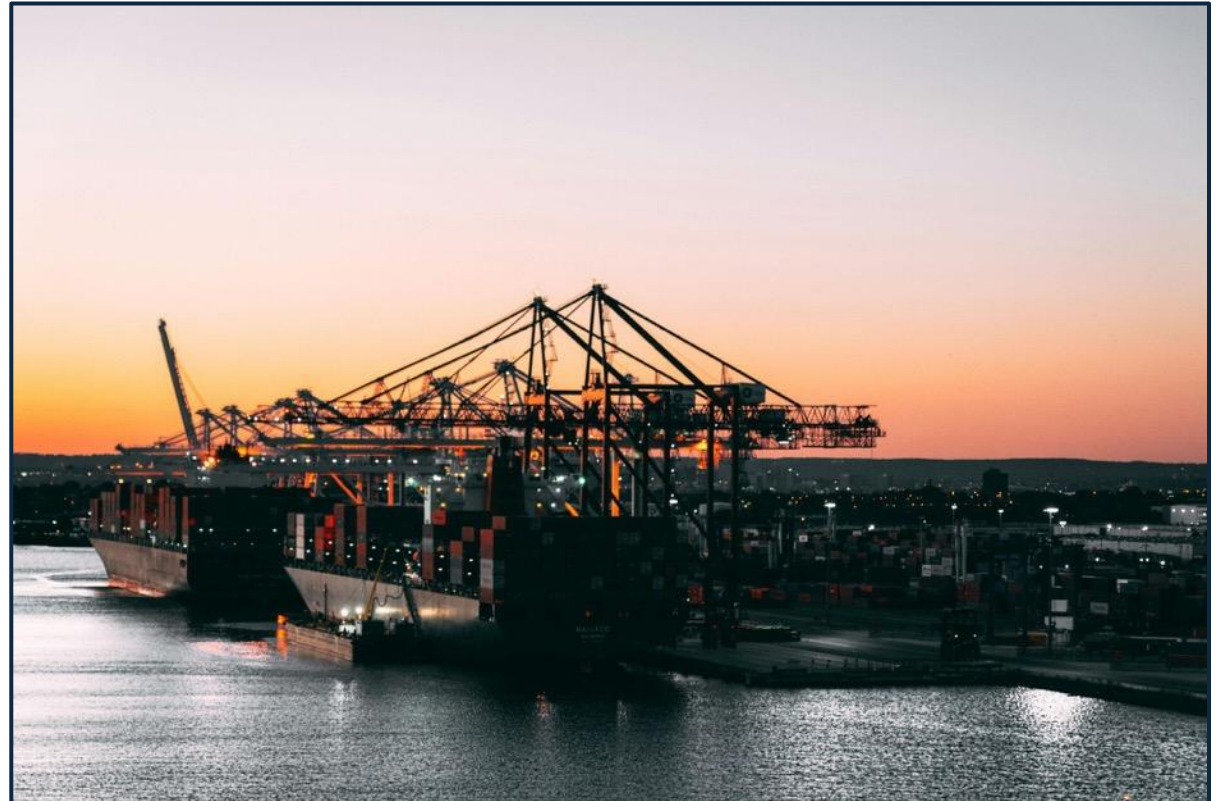
Iyad Kheirbek, Director of Air Quality, C40 Cities



What are green shipping corridors (GSCs)?

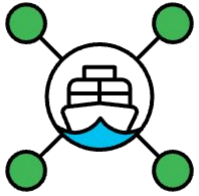
- **What?** Voluntary, international partnerships across the shipping value chain
- **Who?** They involve ports, shipping lines, cargo owners and government departments
- **How?** By catalysing the technical, commercial, and regulatory feasibility of zero-emission shipping.*

*As defined by C40 Cities and Arup (2024)



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Why are Green Shipping Corridors important?



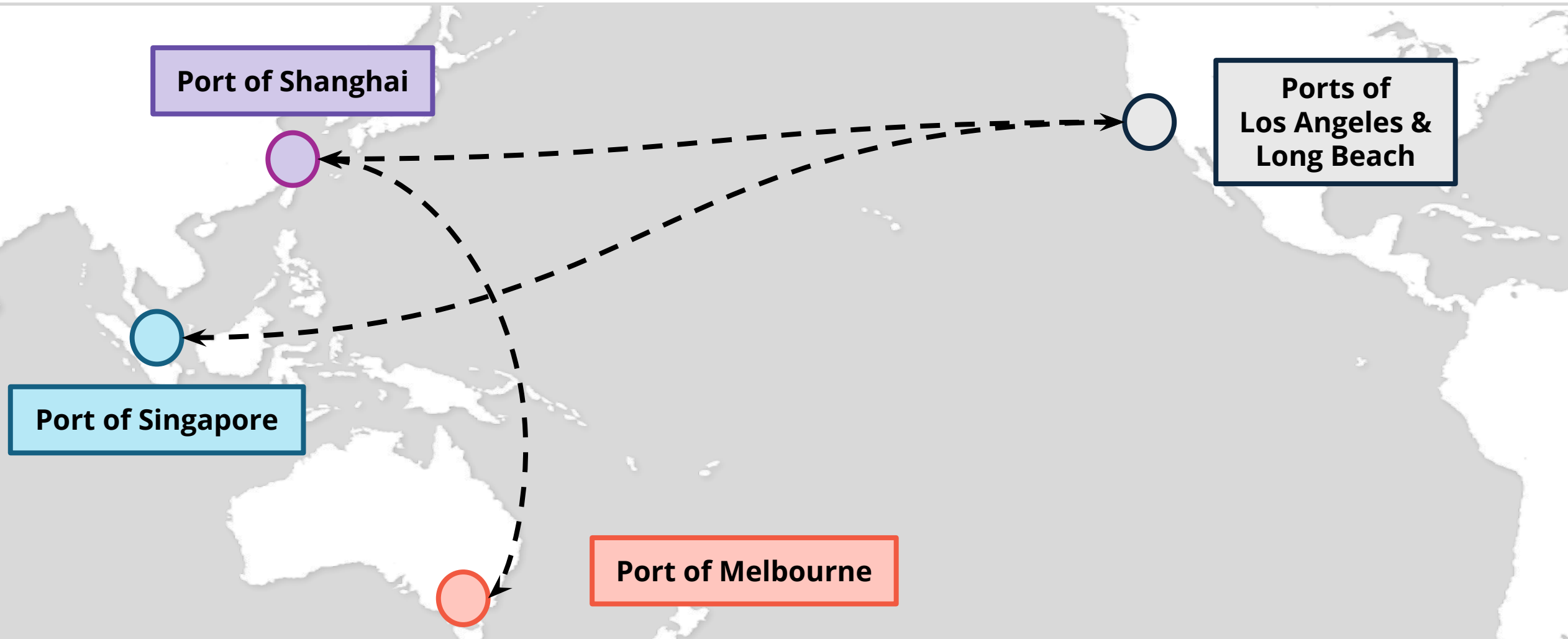
Green Shipping Corridors are **critical enablers of shipping decarbonization** and serve as inspiration for projects all over the world.

84 Green Shipping Corridors in the world

They are **tangible examples of successful multi-level cross-value chain collaboration**, with cities and ports playing a key role in enabling transition.

GSCs can act as **catalysts** for the shipping transition by helping scale the deployment of **zero emission ships** and uptake of **zero emission fuels**.

C40-supported Green Shipping Corridors



Los Angeles - Long Beach - Shanghai

Expanded shore power infrastructure to reach 100% capability, cutting emissions and improving air quality.

Bunkered more than 47,000 tons of green methanol at the Port of Shanghai.

Commissioned a Clean Fuels Study for LA/Long Beach and prepared for a methanol pilot project.

In 2024, the first green methanol container ship completed its voyage on the corridor.



Port of LONG BEACH
THE GREEN PORT



Los Angeles - Long Beach - Singapore

Launched four workstreams:

1. Net & near-zero fuels transition
2. Digital – Port-to-Port (P2P) Data Exchange link
3. Digital - Ship to Port link
4. Energy efficiency technology demonstrations

MOL and K Line have been formally onboarded as industry partners to support the corridor.



Port of Long Beach

Melbourne - Shanghai

SMTC and the Port of Melbourne announced their intention to form a GSC at the North Bund Forum on October 19.

The partners would like to:

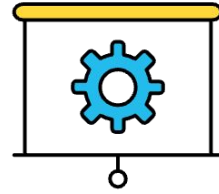
- work with energy suppliers,
- decarbonize terminal operations,
- promote knowledge sharing, technical exchanges, and capacity building.



Why Create a Green Shipping Corridor



Realize actual air pollution and carbon emissions reductions for shipping and port-related activities



Showcase cutting edge goods movement technologies, decarbonization applications, and best management practices.



Serve as a model for decarbonizing the movement of goods over large-scale supply chains of all kinds.



Catalyze technological, economic and policy efforts to progressively decarbonize shipping and port-related activities.

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**Find out more
about C40's
work on GSCs**

